

031104

U.S. PTO

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Small Entity)***(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.

040014

Total Pages in this Submission

**TO THE COMMISSIONER FOR PATENTS**

Mail Stop Patent Application

P.O. Box 1450

Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**PRESSURE DOME FOR CONNECTING A TRANSDUCER WITH A SEALED FLUID SYSTEM**

and invented by:

**Manfred Adolfs and Raymond Glocker**If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/600,825

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 19 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☒ Cross References to Related Applications *(if applicable)*
  - c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
  - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings *(if filed)*
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

I hereby certify that this correspondence  
is being deposited with the United  
States Postal Service as Express Mail  
No. EL 978 301 135 US

In an envelope addressed to:  
Mail Stop PATENT APPLICATION  
Commissioner for Patents, P.O. Box 1450  
Alexandria, VA 22313-1450

3/11/04 *Paul A. Beck*  
Date - Signature, Paul A. Beck & Associates

U.S. PTO  
10/798607

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**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
020021

Total Pages in this Submission  
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**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal      Number of Sheets      3
- b. ☐ Informal      Number of Sheets      \_\_\_\_\_
4. ☒ Oath or Declaration
- a. ☐ Newly executed *(original or copy)*      ☐ Unexecuted
- b. ☒ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☒ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☒ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Computer Readable Form (CFR)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement/PTO-1449      ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Certificate of Mailing
- ☐ First Class      ☒ Express Mail *(Specify Label No.):* EL978301135US

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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**Accompanying Application Parts (Continued)**

17. ☒ Applicant claims small entity status. See 37 CFR 1.27.

☐ (Optional) Small Entity Statement(s) - Specify Number of Statements Submitted: \_\_\_\_\_

18. ☒ Additional Enclosures *(please identify below)*:

Cover Letter dated March 11, 2004.

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

19. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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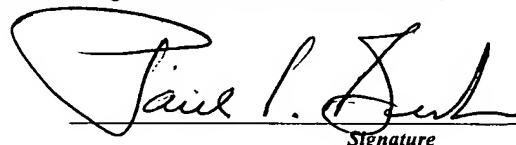
**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	15	- 20 =	0	x \$9.00	\$0.00
Indep. Claims	1	- 3 =	0	x \$43.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$385.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$385.00

- ☒ A check in the amount of \$385.00 to cover the filing fee is enclosed.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. 502395 as described below.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
- ☐ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: March 11, 2004

 3/11/04  
Signature

Paul A. Beck (Reg. No. 22,289)  
Paul A. Beck & Associates, P.C.  
1575 McFarland Road, Suite 100  
Pittsburgh, PA 15216-1808  
Phone: (412) 343-9700 / Fax: (412) 343-5787  
Customer No. 09961

CC:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Manfred Adolfs and : Patent Application  
Raymond Glocker :  
Assignee: MEMSCAP AS : **Pressure Dome for Connecting a**  
Filing Date: March 11, 2004 : **Transducer with a Sealed Fluid**  
: **System**  
: Attorney Docket No. 040014  
:

COVER LETTER

Mail Stop Patent Application  
Commissioner for Patents  
Post Office Box 1450  
Alexandria, VA 22313-1450

March 11, 2004

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No. EL978301135US  
in an envelope addressed to:  
Mail Stop PATENT APPLICATION  
Commissioner for Patents, P.O. Box 1450  
Alexandria, VA 22313-1450  
3/11/04 Paul A. Beck  
Date • Signature, Paul A. Beck & Associates

Dear Commissioner:

1. This is a newly filed Divisional Application filed as a result of a restriction requirement. Pursuant to MPEP 201.06 Applicant includes the appropriate U.S. Patent Office classification found in the Office Communication of the Parent Application Serial No. 09/600,825 having a 371(c) date of November 15, 2000, which was the National Stage of International Application No. PCT/EP 99/00438 filed January 23, 1999 which claims the benefit of German Application No. DE 198 02 615 filed January 24, 1998.

Appropriate Classification: Class 073, subclass 866.5.

2. 37 CFR 1.63(d)(i). Attached is a copy of the Declaration and Power of Attorney filed in the Parent Application Serial No. 09/600,825.
3. Applicant claims the benefit of the pending Parent Application Serial No. 09/600,825 having a 371(c) date of November 15, 2000, which was the National Stage of International Application No. PCT/EP 99/00438 filed January 23, 1999 which claims the benefit of German Application No. DE 198 02 615 filed January 24, 1998.
4. 37 CFR 1.63(d)(4). The Power of Attorney and correspondence addresses are the same as the most recent Power of Attorney and correspondence address stated in the Parent

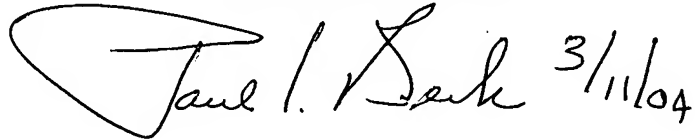
Application Serial No. 09/600,825. Direct all correspondence to:

Attorneys associated with CUSTOMER NUMBER: 09961

5. Enclosed for filing are the following documents:

- (1) Check #6287 from Paul A. Beck and Associates, P.C. for \$385.00;
- (2) Certificate of Mailing (1) page;
- (3) Utility Patent Application Transmittal (4) pages;
- (4) Application Data Sheet (3) pages;
- (5) Specification, claims and abstract (19) pages;
- (6) Drawings (3) pages;
- (7) Copy of Executed Declaration and Power of Attorney (3) pages;
- (8) Notice of Recordation of Assignment dated April 24, 2001 (1) page;
- (9) Copy of Executed Assignment executed October 23, 2000 (1) pages;
- (10) Notice of Recordation of Assignment dated January 14, 2003 (1) page;
- (11) Copy of Executed Assignment executed September 19, 2002 (2) pages; and
- (12) Associate Power of Attorney (1) page.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul A. Beck", followed by the date "3/11/04". The signature is written in a cursive, flowing style.

Paul A. Beck  
Registration No. 22,289  
Paul A. Beck & Associates, P.C.  
1575 McFarland Road, Suite 100  
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Telephone (412) 343-9700  
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Customer No. 09961

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **Manfred Adolfs and Raymond Glocker**

Docket No.

**040014**

Serial No.

Filing Date

**March 11, 2004**

Examiner

Group Art Unit

Invention:

**PRESSURE DOME FOR CONNECTING A TRANSDUCER WITH A SEALED FLUID SYSTEM**

I hereby certify that the following correspondence:

**DIVISIONAL PATENT APPLICATION***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

March 11, 2004*(Date)*LISA ENGEL*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*EL978301135US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**